



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/building](http://www.miamidade.gov/building)

**NOTICE OF ACCEPTANCE (NOA)**

Super Sky Products Enterprises, LLC  
10301 North Enterprise Drive  
Mequon, Wisconsin 53092

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Standard Tubular Skylight System – Small Missile**

**APPROVAL DOCUMENT:** Drawing No. 20090209, titled "Super Sky's Standard Tubular Skylight Glazing System", sheets A1 through A5 of 5, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E. on March 15, 2010 bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Small Missile Impact**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 12-1023.07 and consists of this page 1, evidence submitted pages E-1, E-2, E-3 & E-4 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



*Helmy A. Makar*  
01/21/2016

NOA No. 15-1124.06  
Expiration Date: 12/24/2017  
Approval Date: 01/21/2016  
Page 1

**Super Sky Products Enterprises, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 99-1019.08**

**A. DRAWINGS**

1. *Drawing No. 960209, titled "Super Sky's Standard Tubular Skylight System", prepared by David S. Barron, P.E., last revised on March 3, 1999, sheets A, A1, A1A, A2, A2A, A3, and A4 of 7, signed and sealed by David S. Barron, P.E.*

**B. TESTS**

1. *Test report on Small Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test on Super Sky's Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report No. 0161-0208-99, dated 02/17/99, signed and sealed by Timothy S. Marshall, P.E.*

**C. CALCULATIONS**

1. *Calculation titled "Super Sky Products, Inc. Product Approval Mock-up Testing, PA 201-94, PA 202-94 & PA 203-94, Small Missile Test", dated march 7, 1998, revised April 3, 1999, pages 1 through 19 of 19, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E.*

**D. MATERIAL CERTIFICATIONS**

1. *Mill Certified Test Report issued by Viracon, dated 03/10/99, with the glass strength analysis by Jeffrey D. Guanato.*
2. *The Die Drawing Numbers D1 through D9 of 9, by Super Sky Products, Inc.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPRTOVAL # 02-1009.06**

**A. DRAWINGS**

1. *Drawing No. 960209, titled " Super Sky's Standard Tubular Skylight Glazing System ", sheets A, A1, A1A, A2, A2A, A3, and A4 of 7, prepared by David S. Barron, P.E., last revision #6 dated November 14, 2002 signed and sealed by David S. Barron, P.E.*

**B. TESTS**


1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. MATERIAL CERTIFICATIONS**

1. *None.*

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 15-1124.06  
Expiration Date: 12/24/2017  
Approval Date: 01/21/2016

**Super Sky Products Enterprises, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPRTOVAL # 05-1208.04**

**A. DRAWINGS**

1. *Drawing No. 2002-0246, titled " Super Sky's Standard Tubular Skylight Glazing System ", sheets A1 through A4 of 4, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E on November 15, 2005.*

**B. TESTS**

1. *Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test on Super Sky's Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report Nos. 0161-1023-04, dated September 13, 2005, signed and sealed by Vinu J. Abraham, P.E.*

**C. CALCULATIONS**

1. *Calculation titled "Super Sky Products, Inc. Mock-up-Dade County Product Approval TAS-201, TAS-202, TAS-203, Small Missile Test", dated November 11, 2005, sheets 1 through 13 of 13, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPRTOVAL # 07-0810.01**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

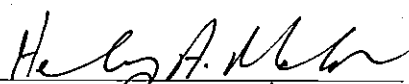
1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 15-1124.06  
Expiration Date: 12/24/2017  
Approval Date: 01/21/2016

**Super Sky Products Enterprises, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #09-1001.05**

**A. DRAWINGS**

1. *Drawing No. 20090209, titled "Super Sky's Standard Tubular Skylight Glazing System", sheets A1 through A5 of 5, prepared by David S. Barron, P.E., signed and sealed by David S. Barron, P.E. on March 15, 2010.*

**B. TESTS**

1. *Test report on Large Missile Impact Test and Cyclic Load Test on Super Sky's Skylight Systems, prepared by Hurricane Test Laboratory, Inc., Report No. 0161-0508.09, dated July 13, 2009, signed and sealed by Vinu J. Abraham, P.E.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-1023.07**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

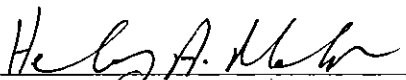
1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. OTHERS**

1. *Letter of Compliance with the Florida Building Code, 2010 Edition, issued by Mr. David S. Barron, P.E., dated February 10, 2012, signed and sealed by Mr. David S. Barron, P.E.*
2. *Bill of sales Agreement.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 15-1124.06  
Expiration Date: 12/24/2017  
Approval Date: 01/21/2016

**Super Sky Products Enterprises, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**7. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

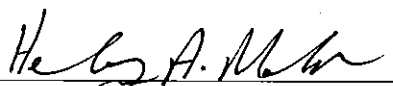
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. OTHERS**

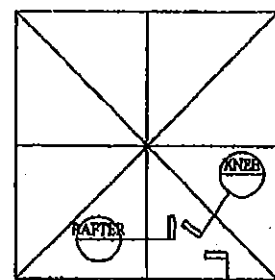
1. *Letter of Compliance with the Florida Building Code, 2014 Edition, issued by Mr. David S. Barron, P.E., dated November 05, 2015, signed and sealed by Mr. David S. Barron, P.E.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 15-1124.06  
Expiration Date: 12/24/2017  
Approval Date: 01/21/2016

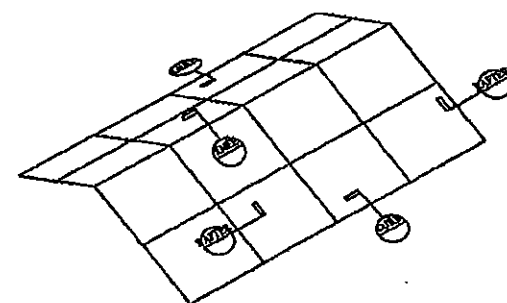
## SUPER SKY'S STANDARD TUBULAR SKYLIGHT SYSTEM

- SYSTEM DESCRIPTION:** SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM CONSISTS OF AN EXTRUDED ALUMINUM STRUCTURAL FRAME (6005-T5), CUSTOM ENGINEERED TO SUIT A PARTICULAR PROJECT. THE EXTRUDED FRAME IS CONNECTED TOGETHER USING ALUMINUM CHANNEL CLIPS, ANCHOR PLATES, AND GUSSETS PLATES, AS SHOWN ON DRAWINGS A1-A5. THE GLASS IS ATTACHED TO THE FRAME USING ALUMINUM RETAINERS (6005-T5), AND  $\frac{1}{4}$ "-20 STAINLESS STEEL TORX HEAD SCREWS 6" O.C. THE SCREWS ENGAGE THE SERRATIONS IN THE ALUMINUM EXTRUSIONS BELOW. EPDM GASKETS ARE USED ON THE INTERIOR ( $\frac{1}{8}$ " X  $\frac{1}{2}$ ") AND EXTERIOR ( $\frac{1}{4}$ " X  $\frac{3}{8}$ ") TO CUSHION THE GLASS, AND A FULL SILICONE WEATHER SEAL AND SNAP-ON CAPS ARE APPLIED TO PREVENT AIR AND WATER INFILTRATION.
- SKYLIGHT TYPES:** SINCE ALMOST ALL SKYLIGHTS BUILT USING SUPER SKY'S STANDARD TUBULAR GLAZING SYSTEM ARE CUSTOM DESIGNED FOR A PARTICULAR BUILDING, VIRTUALLY NONE OF THEM ARE EXACTLY THE SAME. IN RECOGNITION OF THIS FACT, THE TEST SPECIMINS AS SHOWN ON SHEETS A1-A5 WERE DEVELOPED SO AS TO TEST THE FOUR STANDARD DETAILS USED ON MOST SKYLIGHT PROJECTS (CURB, RAFTER, CROSSBAR, AND KNEE). THE DESIGN PRESSURE, GLASS TYPE, AND GLASS SIZES WERE ALSO SELECTED TO SUIT THE MOST POSSIBLE SKYLIGHT PROJECTS.

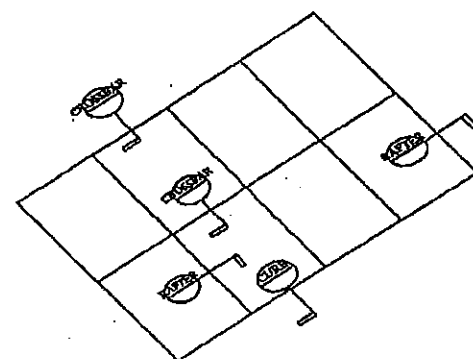
EXAMPLES OF THESE SKYLIGHT TYPES ARE SHOWN BELOW.



**PYRAMID**

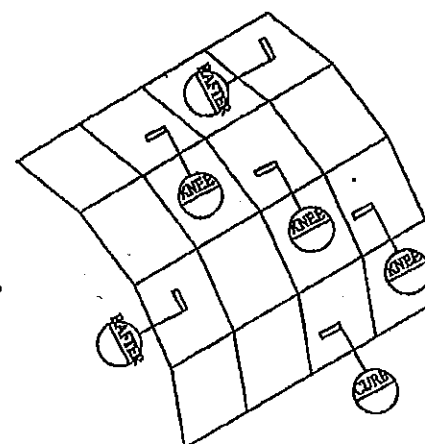


**RIDGE**



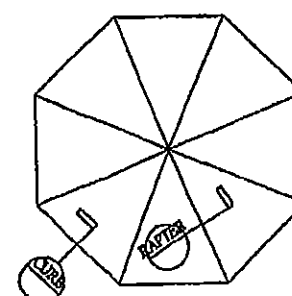
**SINGLE PITCH**

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 15-1124.06  
Expiration Date 12/24/2017  
By *David S. Barron*  
Miami Dade Product Control



**VAULT**

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 12-1023.07  
Expiration Date 12/24/2017  
By *David S. Barron*  
Miami Dade Product Control



**DOME**

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 11-0811.07  
Expiration Date 12/24/2012  
By *David S. Barron*  
Miami Dade Product Control

## SUPER SKY'S STANDARD TUBULAR SKYLIGHT GLAZING SYSTEM

PRODUCT APPROVAL TESTING  
PER TAS-201, TAS-202, TAS-203  $\Delta$

### STANDARD DETAILS TESTED :

- 1) RAFTER (SEE DETAILS 3/A3 & 1/A4)
- 2) KNEE [HIP] (SEE DETAIL 2/A3)
- 3) SILL/CROSSBAR (SEE DETAIL 1/A3)

PLEASE SEE DRAWINGS A1-A5  
FOR COMPLETE SPECIFICATIONS OF  
THE MOCK-UP TESTED.

## GENERAL NOTES:

- 1) THIS SYSTEM IS APPROVED FOR:  
DESIGN PRESSURES UP TO +/- 120 PSF.
- 2) GLASS TYPE TESTED:  
1-5/16" INSULATED GLASS UNIT CONSISTING OF:  
1/4" CLEAR TEMPERED OUTER LITE  
1/2" AIR SPACE  
9/16" CLEAR LAMINATED INNER LITE CONSISTING OF:  
1/4" CLEAR HEAT STRENGTHENED GLASS  
.060" PVB INTERLAYER (BY SOLUTIA, NOA #06-0216.06)  $\Delta$   
1/4" CLEAR HEAT STRENGTHENED GLASS
- 3) SMALL MISSILE IMPACT ONLY (STEEL BALL BEARINGS). THIS GLASS PRODUCT IS APPROVED FOR USE 30' ABOVE GRADE OR HIGHER.
- 4) APPROVED UP TO A MAXIMUM LITE SIZE OF 30 SQ. FT.
- 5) THE ALUMINUM EXTRUSIONS TESTED WERE SIZED PER STRUCTURAL CALCULATIONS TO SUIT THE SPANS AND DESIGN PRESSURE TESTED.
- 6) ALUMINUM CONTACTING MATERIALS NOT CONSIDERED COMPATIBLE SHALL BE PROTECTED PER SECTION 2003.8.4.2 OF THE FLORIDA BUILDING CODE.
- 7) THIS APPROVAL IS LIMITED TO THE MAXIMUM AREA OF THE 1-5/16" INSULATED GLASS, THE FULLY ASSEMBLED GLAZING DETAILS SYSTEM TO THE SUPPORTING RAFTERS AND THE MAXIMUM DESIGN PRESSURE SHOWN ON THESE DRAWINGS.
- 8) THE STRUCTURAL ADEQUACY OF THE SUPPORTING STRUCTURAL MEMBERS (CURBS, RAFTERS, PURLINS, AND ALL OTHER FRAMING MEMBERS) IS NOT PART OF THIS APPROVAL AND IT SHALL BE REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT.



REVISION

1 06/10/09 CB

2 3/12/10 N8

SMALL MISSILE



PROJECT

PROJECT MOCK-UP

PRODUCT APPROVAL

DADE COUNTY, FL

ENGINEER

DAVID S. BARRON

TEST LABORATORY

HURRICANE TEST LAB

RIVIERA BEACH, FL

DADE COUNTY USE

ENGINEER STAMP

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 09-1001.05  
Expiration Date 12/24/2012  
By *David S. Barron*  
Miami Dade Product Control  
Division

*David S. Barron*  
3-15-10

DAVID S. BARRON  
21 DARTMOUTH DRIVE  
GREENSBURG, PA 15601  
LICENCE #36374

20090209A-D1.dwg

A1

OF 5



**NOTE:**

COUNTERBORE WOOD SO BOLT HEADS ARE FLUSH.

**JOINT SEALANT:**

ALL JOINTS BETWEEN EXTERIOR RETAINERS TO BE SEALED WITH DOW 795.

DC #795 SILICONE SEALANT - BLACK W/ BACKER ROD

1/4" X 3/8" EPDM GLAZING STRIP

1/2" X 1 1/2" PVC FILLER BAR

1/4"-20 X 2 1/2" ST. STL. MACHINE SCREW W/ VINYL WASHER (6" O.C.)

12"-55" HIP CAP AND RETAINER

DC #795 SILICONE SEALANT - BLACK (1/4" X 1/4")

1/4" X 3/8" EPDM GLAZING STRIP

350 X 2" 12"-55" HIPTUBE

1 1/4" INSULATED LAMINATED GLASS

600 X 2" RAFTER TUBE

**SHOP NOTE:**

HOLES IN RETAINERS TO START 1" FROM ENDS.

600 X 2" RAFTER TUBE

350 X 2" RAFTER TUBE

1 1/4" INSULATED LAMINATED GLASS

DC #795 SILICONE SEALANT - BLACK (1/4" X 1/4")

1/4" X 3/8" EPDM GLAZING STRIP

1/4" THICK EXTRUDED SILICONE SETTING BLOCK (4" LONG AT 1/4" POINTS)

2" SNAP-ON CAP AND RETAINER

1/4"-20 X 2 1/2" ST. STL. MACHINE SCREW W/ VINYL WASHER (6" O.C.)

1/2" X 1 1/2" PVC FILLER BAR

DC #795 SILICONE SEALANT - BLACK W/ BACKER ROD

**NOTE:**

COUNTERBORE WOOD SO BOLT HEADS ARE FLUSH.

2

EDGE DISTANCE

2

12

12

WOOD FRAME SUPPLIED BY SUPER SKY

7" X 9" X 1/4" ALUMINUM PLATE (7" X 5 1/2" X 1/4" @ END RAFTER) WELD TO RAFTER

1/2" X 3/4" ST. STL. CAPSCREW (4 @ CENTER MULLIONS) (2 @ JAMB MULLIONS)

EXTRUDED CHANNEL CLIP W/ SERRATIONS AND EXTRUDED ANCHOR PLATE OPPOSITE

**KNEE SECTION**

FULL SCALE

DC #795 SILICONE SEALANT - BLACK (1/4" X 1/4")

1/4" X 3/8" EPDM GLAZING STRIP

2" SNAP-ON CAP AND RETAINER

1/4"-20 X 2 1/2" ST. STL. MACHINE SCREW W/ VINYL WASHER (6" O.C.)

**RAFTER SECTION**

FULL SCALE

1/4"-20 X 3/4" LG. ST. STL. TRUSS HEAD SCREW

1 1/4" ACCESS HOLE W/ ALUMINUM COVER (SET IN SEALANT)

1 1/4" ACCESS HOLE

850 X 2" RAFTER TUBE

EXTRUDED CHANNEL CLIP W/ SERRATIONS AND EXTRUDED ANCHOR PLATE OPPOSITE

1/2" X 3 1/2" ST. STL. CAPSCREW (4 @ CENTER MULLIONS) (2 @ JAMB MULLIONS)

7" X 8" X 1/4" ALUMINUM PLATE (7" X 5 1/2" X 1/4" @ END RAFTER) WELD TO RAFTER

WOOD FRAME SUPPLIED BY SUPER SKY

**SILL/CROSSBAR SECTION**

FULL SCALE

1/2" X 3 1/2" S.S. CAPSCREW/NUT

1/4" X 5" ST. STL. CAPSCREW (2 PER MULLION, 1/4" O.C.)

850 X 2" RAFTER TUBE

EXTRUDED CHANNEL CLIP W/ SERRATIONS (L2) AND EXTRUDED ANCHOR PLATE W/ TAPPED HOLES (L4) OPP.

1/4"-20 X 3/4" ST. STL. TRUSS HEAD SCREW

SUPER SKY PRODUCTS ENTERPRISES, LLC 1001 H. ENTERPRISE DR. NEWMAN, WISCONSIN 53157 262.500.5000

REVISION

06/10/09 CB

3/12/10 N8

SMALL MISSILE

A

PROJECT

PROJECT MOCK-UP PRODUCT APPROVAL

DADE COUNTY, FL

ENGINEER

DAVID S. BARRON

TEST LABORATORY

HURRICANE TEST LAB

RIVIERA BEACH, FL

TITLE

CURB/SILL, KNEE, & RAFTER SECTIONS

DATE

3/3/09

SCALE

FULL (REF)

20090209

A3

OF 5

**SHOP NOTE:**

HOLES IN RETAINERS TO START 1" FROM ENDS.

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No 12-1023-07 Expiration Date 12/24/2017

By *Heidi A. Barron* Miami Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 11-0811-07 Expiration Date 12/24/2012

By *Heidi A. Barron* Miami Dade Product Control

**DADE COUNTY USE**

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 09-1001-05 Expiration Date 12/24/2012

By *Heidi A. Barron* Miami Dade Product Control Division

**ENGINEER STAMP**

*David S. Barron* 3-15-10

DAVID S. BARRON 21 DARTMOUTH DRIVE GREENSBURG, PA 15601 LICENCE #36374

20090209A-D1.dwg





SUPER SKY PRODUCTS  
ENTERPRISES, LLC  
1001 N. ENTERPRISE DR.  
MILWAUKEE, WISCONSIN 53015  
262.211.2100

REVISION

1 05/10/09  
CB

2 3/12/10 N8

SMALL MISSILE



PROJECT

PROJECT MOCK-UP  
PRODUCT APPROVAL

DADE COUNTY, FL

ENGINEER

DAVID S. BARRON

TEST LABORATORY

HURRICANE TEST  
LAB

RIVIERA BEACH, FL

TITLE

ENDRAFTER SECTION

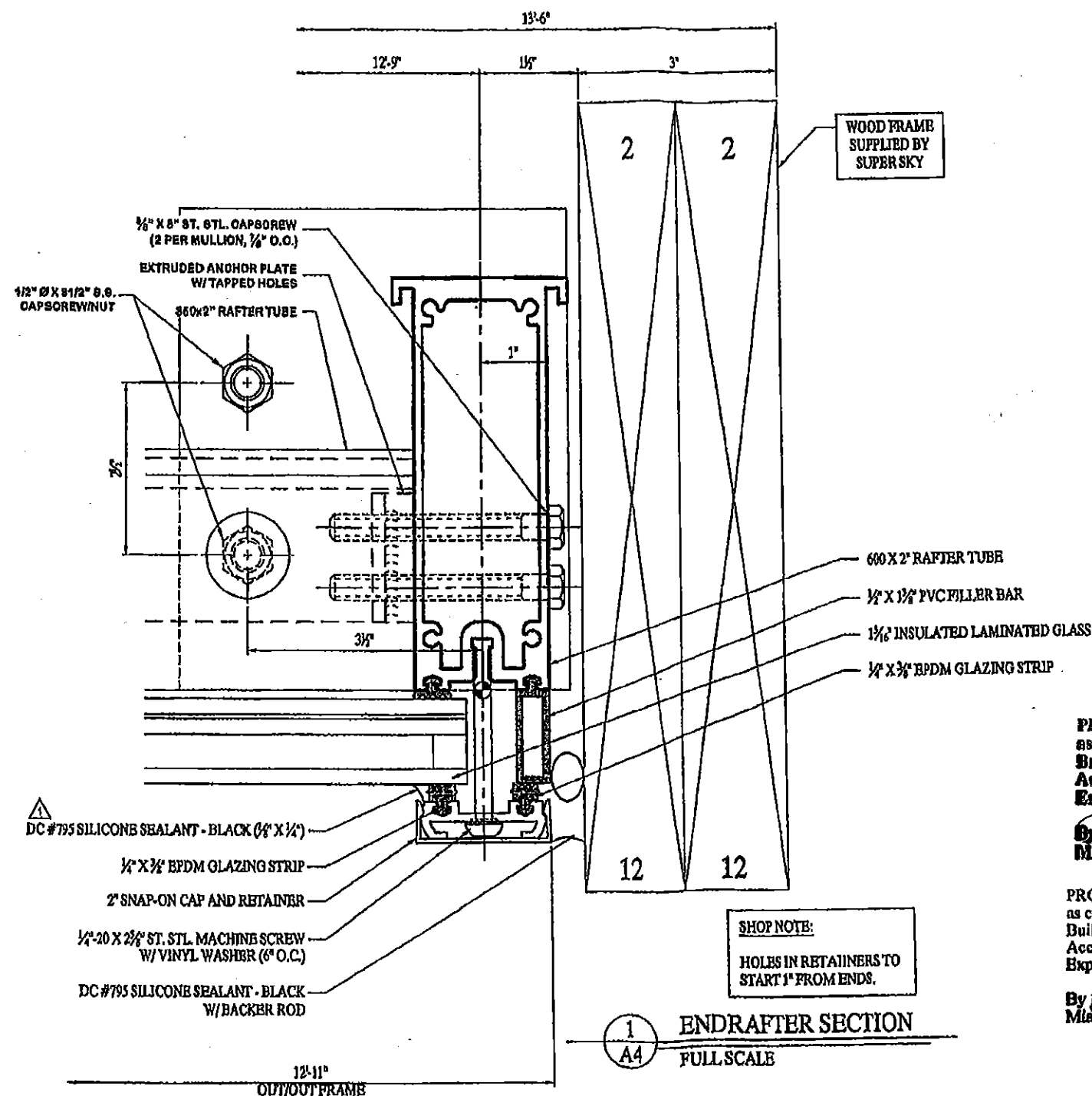
DATE 3/3/09

SCALE FULL (REF)

PROJECT NO 20090209

A4

OF 5



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 15-1124.06  
Expiration Date 12/24/2017  
By *Heather A. Miller*  
Miami Dade Product Control

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 12-1023.07  
Expiration Date 12/24/2017  
By *David S. Barron*  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 11-0811.07  
Expiration Date 12/24/2012  
By *Heather A. Miller*  
Miami Dade Product Control

DADE COUNTY USE

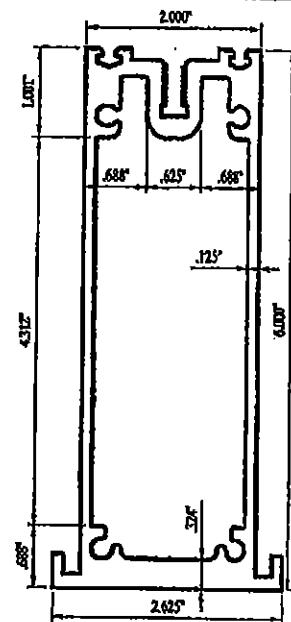
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 09-1001.05  
Expiration Date 12/24/2012  
By *Heather A. Miller*  
Miami Dade Product Control  
Division

ENGINEER STAMP

*David S. Barron*  
3-15-10

DAVID S. BARRON  
21 DARTMOUTH DRIVE  
GREENSBORO, PA 15601  
LICENCE #36374

20090209A-D1.dwg



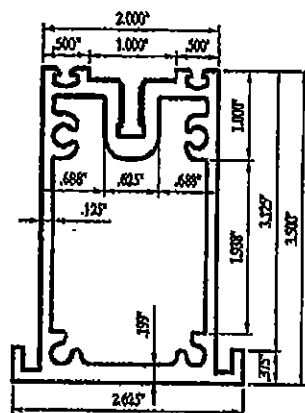
#### SUMMARY OF PROPERTIES

Centre of Mass (1.51212, 3.04838, 0)  
 Surface Area 3.25237 inch<sup>2</sup>  
 Moment about X axis 1.98482 inch<sup>4</sup>  
 Moment about Y axis 16.8839 inch<sup>4</sup>  
 Polar Moment 18.8699 inch<sup>4</sup>  
 Principal Axis Rotation Angle = 90°-0'  
 Radii of Gyration:  
 Polar 2.46871 inch  
 X axis 0.781039 inch  
 Y axis 2.37857 inch

Weight Per Linear Foot: 3.805273 lbs  
 Aluminum Alloy: 6005-T5

#### 600 RAFTER TUBE

FULL SCALE



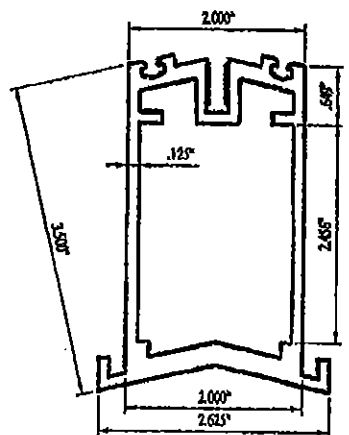
#### SUMMARY OF PROPERTIES

Centre of Mass (1.31243, 1.7169, 0)  
 Surface Area 2.12343 inch<sup>2</sup>  
 Moment about X axis 1.2925 inch<sup>4</sup>  
 Moment about Y axis 3.52933 inch<sup>4</sup>  
 Polar Moment 4.82184 inch<sup>4</sup>  
 Principal Axis Rotation Angle = 90°-0'  
 Radii of Gyration:  
 Polar 1.50691 inch  
 X axis 0.780183 inch  
 Y axis 1.38922 inch

Weight Per Linear Foot: 2.484413 lbs  
 Aluminum Alloy: 6005-T5

#### 350 RAFTER TUBE

FULL SCALE



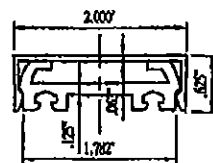
#### SUMMARY OF PROPERTIES

Centre of Mass (1.00003, 2.12172, 0)  
 Surface Area 1.20076 inch<sup>2</sup>  
 Moment about X axis 0.290704 inch<sup>4</sup>  
 Moment about Y axis 2.31602 inch<sup>4</sup>  
 Polar Moment 2.60673 inch<sup>4</sup>  
 Principal Axis Rotation Angle = 90°-0'  
 Radii of Gyration:  
 Polar 1.47340 inch  
 X axis 0.492037 inch  
 Y axis 1.38891 inch

Weight Per Linear Foot: 1.404889 lbs  
 Aluminum Alloy: 6005-T5

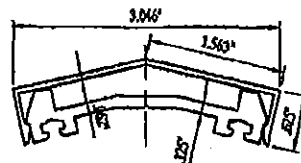
#### 350 HIP TUBE 12°-55'

FULL SCALE



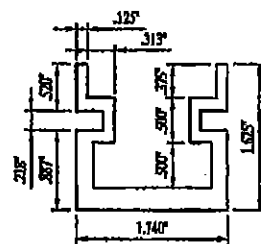
#### RAFTER CAP & RETAINER

FULL SCALE (ALLOY 6005-T5) Δ



#### HIP CAP & RETAINER

FULL SCALE (ALLOY 6005-T5) Δ



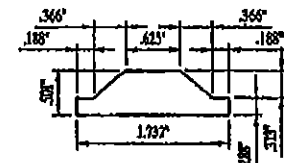
#### CHANNEL CLIP

FULL SCALE

#### SUMMARY OF PROPERTIES

Area: 1.01841  
 Perimeter: 11.72200  
 Centroid: X: 0.87000  
 Y: 0.57472  
 Moments of Inertia: X: 0.22867  
 Y: 0.40687  
 Radii of Gyration: X: 0.47488  
 Y: 0.63207  
 Principal Moments: X: 0.82297  
 Y: 0.40687

Weight Per Linear Foot: 1.3150 lbs  
 Aluminum Alloy: 6005-T5



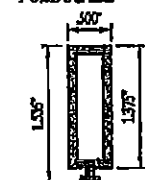
#### ANCHOR PLATE

FULL SCALE

#### SUMMARY OF PROPERTIES

Area: 0.63564  
 Perimeter: 4.07141  
 Centroid: X: 0.86000  
 Y: 0.20679  
 Moments of Inertia: X: 0.01187  
 Y: 0.11019  
 Radii of Gyration: X: 0.13664  
 Y: 0.41637  
 Principal Moments: X: 0.01187  
 Y: 0.11019

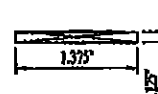
Weight Per Linear Foot: 0.7630 lbs  
 Aluminum Alloy: 6005-T5



RIGID PVC #202W/0.085" (MIN.) WALL

#### 1/2" x 1-3/8" RIGID PVC FILLER BAR

FULL SCALE



TYPE 11 SILICONE RUBBER

HARDNESS: (SHORE A) 80 + 5 DUROMETER  
 COLOR: BLACK

#### 1/8" x 3/4" x 4" LONG SETTING BLOCK

FULL SCALE



HARDNESS: (SHORE A) 50 + 5 DUROMETER  
 TENSILE STRENGTH: 800 PSI (MIN.)  
 ELONGATION: 300% (MIN.)  
 TEAR, DIA 8, PSI: 65 (MIN.)  
 COLOR: BLACK

#### 1/8" x 1/2" EPDM GLAZING STRIP

FULL SCALE



HARDNESS: (SHORE A) 50 + 5 DUROMETER  
 TENSILE STRENGTH: 800 PSI (MIN.)  
 ELONGATION: 300% (MIN.)  
 TEAR, DIA 8, PSI: 65 (MIN.)  
 COLOR: BLACK

#### 1/4" x 3/8" EPDM GLAZING STRIP

FULL SCALE

#### PRODUCT REVISED

as complying with the Florida

Building Code

Acceptance No 15-1124.06

Expiration Date 12/24/2017

By *Healy A. Miller*

Miami Dade Product Control

#### PRODUCT RENEWED

as complying with the Florida

Building Code

Acceptance No 12-1023.07

Expiration Date 12/24/2017

By *David S. Barron*

Miami Dade Product Control

#### PRODUCT REVISED

as complying with the Florida

Building Code

Acceptance No 11-0811.07

Expiration Date 12/24/2012

By *Healy A. Miller*

Miami Dade Product Control

#### DADE COUNTY USE

#### PRODUCT REVISED

as complying with the Florida

Building Code

Acceptance No 09-1001.05

Expiration Date 12/24/2012

By *Healy A. Miller*

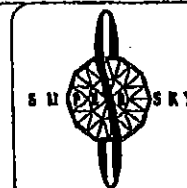
Miami Dade Product Control

Division

#### ENGINEER STAMP

*David S. Barron*  
 3-15-10

DAVID S. BARRON  
 21 DARTMOUTH DRIVE  
 GREENSBURG, PA 15601  
 LIC# NCB #36374



SUPER SKY PRODUCTS  
 ENTERPRISES, LLC  
 1811N ENTERPRISE DR.  
 MEQUON, WISCONSIN 53091  
 261.945.3000

#### REVISION

Δ 06/10/09  
 CB

Δ 3/12/10 N8

#### SMALL MISSILE



#### PROJECT

PROJECT MOCK-UP

PRODUCT APPROVAL

DADE COUNTY, FL

ENGINEER

DAVID S. BARRON

#### TEST LABORATORY

HURRICANE TEST

LAB

RIVIERA BEACH, FL

TITLE

EXTRUSIONS

DATE: 3/3/09

FILE: FULL (RFP)

PROJECT: 20090209

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